

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Reclamation District No. 2107 Mossdale Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	05/10/2019 05/10/2019	Alberto De Leon

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2107_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has flood fight training and an emergency response plan.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2107_01_s_2013_7				
Comment Code					
Inspector Comment					
Flood fighting supplies are available on-site.					

Photo 1 of 1 : SP\_2019\_RD2107\_329\_7\_20190313\_00001.jpg



View of the flood fight emergency supplies.

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2107_01_s_2013_8				
Comment Code					
Inspector Comment					
The O&M Manual is available at the LMA's office.					

Photo 1 of 1 : SP\_2019\_RD2107\_329\_8\_20190313\_00002.jpg



View of the O&amp;M Manual.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Unit No. 01 San Joaquin River	Left	2.33	05/10/2019 05/10/2019	Alberto De Leon

LM Start	0.23	Rating **	A	Issue No.	22
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.784586 °	37.765040 °
				-121.306837 °	-121.309750 °
DWR ID	DWR_RD2107_01_s_2019_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2107\_329\_22\_20190514\_00025.jpg



Typical view of vegetation on landside slope. (Spring 2019)

LM Start	0.23	Rating **	A	Issue No.	23
LM End	2.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.784586 °	37.765040 °
				-121.306837 °	-121.309750 °
DWR ID	DWR_RD2107_01_s_2019_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2107\_329\_23\_20190514\_00026.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

LM Start	1.33	Rating **	M	Issue No.	21
LM End	1.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.772789 °	37.772789 °
				-121.306875 °	-121.306875 °
DWR ID	DWR_RD2107_01_s_2019_21				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	05/10/2019 05/10/2019	Alberto De Leon

LM Start	1.41	Rating **	M	Issue No.	16
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.772133 °	37.772133 °
				-121.305662 °	-121.305662 °
DWR ID	DWR_RD2107_01_s_2019_16				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.49	Rating **	M	Issue No.	14
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.771407 °	37.771407 °
				-121.304794 °	-121.304794 °
DWR ID	DWR_RD2107_01_s_2019_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	05/10/2019 05/10/2019	Alberto De Leon

LM Start	0.01	Rating **	A	Issue No.	4
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.760693 °	37.770937 °
				-121.309589 °	-121.324302 °
DWR ID	DWR_RD2107_02_s_2019_4				
Comment Code					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2107\_330\_4\_20190514\_00010.jpg



Typical view of vegetation on landside slope. (Spring 2019)

LM Start	0.01	Rating **	A	Issue No.	5
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.760693 °	37.770937 °
				-121.309589 °	-121.324302 °
DWR ID	DWR_RD2107_02_s_2019_5				
Comment Code					
Inspector Comment					
Annual vegetation is well maintained.					

Photo 1 of 1 : SP\_2019\_RD2107\_330\_5\_20190514\_00009.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	05/10/2019 05/10/2019	Alberto De Leon

LM Start	0.27	Rating **	M	Issue No.	6	
LM End	0.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.762613 °	37.762613 °	
				-121.313480 °	-121.313480 °	
DWR ID	19057					
Comment Code						
Inspector Comment						
FS_ID:13637						
DS_ID:19057						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe filled in with soil around outlet and not visible on LS. Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe, 16 feet below the crown. Slide gate on the waterside (WS) toe.						
[Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 9, April 1964, (HLM 0.27)].						
FS Date: 5/21/2013						

Photo 1 of 2 : UCIP\_SP\_2019\_13637\_22299.jpg



Slide gate visible on WS toe.

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.27</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP\_SP\_2019\_13637\_22298.jpg



Slide gate visible on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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